



**SOMERVILLE AVENUE
AT BOW STREET
LOOKING WEST**

PROPOSED SAFETY AND TRAFFIC OPERATIONAL IMPROVEMENTS FOR SOMERVILLE AVENUE SOMERVILLE, MA

THE COMMONWEALTH OF MASSACHUSETTS MASSHIGHWAY DEPARTMENT PUBLIC INFORMATION MEETING

Design Public Meeting held by MassHighway to discuss the proposed reconstruction of Somerville Avenue

WHERE: High School Auditorium, Somerville High School
Highland Avenue, Somerville, MA 02143

WHEN: Monday, April 23, 2007 at 6:00 pm.

PURPOSE: The purpose of this meeting is to provide the public with the opportunity to become fully acquainted with the proposed reconstruction of Somerville Avenue. All views and comments made at the meeting will be reviewed and considered to the maximum extent possible.

PROPOSAL: The project entails the reconstruction of Somerville Avenue from the Cambridge city line to Union Square, a length of approximately 1.32 miles. The work consists of full depth roadway construction, sidewalk reconstruction with granite curbing and wheelchair ramps, installation of a new drain line, renovation of the sewer line, replacement of old traffic signal equipment and signalization of intersections, new street lighting poles, new tree plantings, installation of streetscape amenities, signing, pavement markings and landscaping.

MassHighway/City of Somerville Design Consultants, Inc.

MassHighway

- | | |
|------------------------------|-----------------------|
| ■ Luisa Paiewonsky | Commissioner |
| ■ Patricia Leavenworth, P.E. | District Highway Dir. |
| ■ David Anderson, P.E. | Acting Chief Engineer |
| ■ John McGillacuddy | Resident Engineer |

City of Somerville

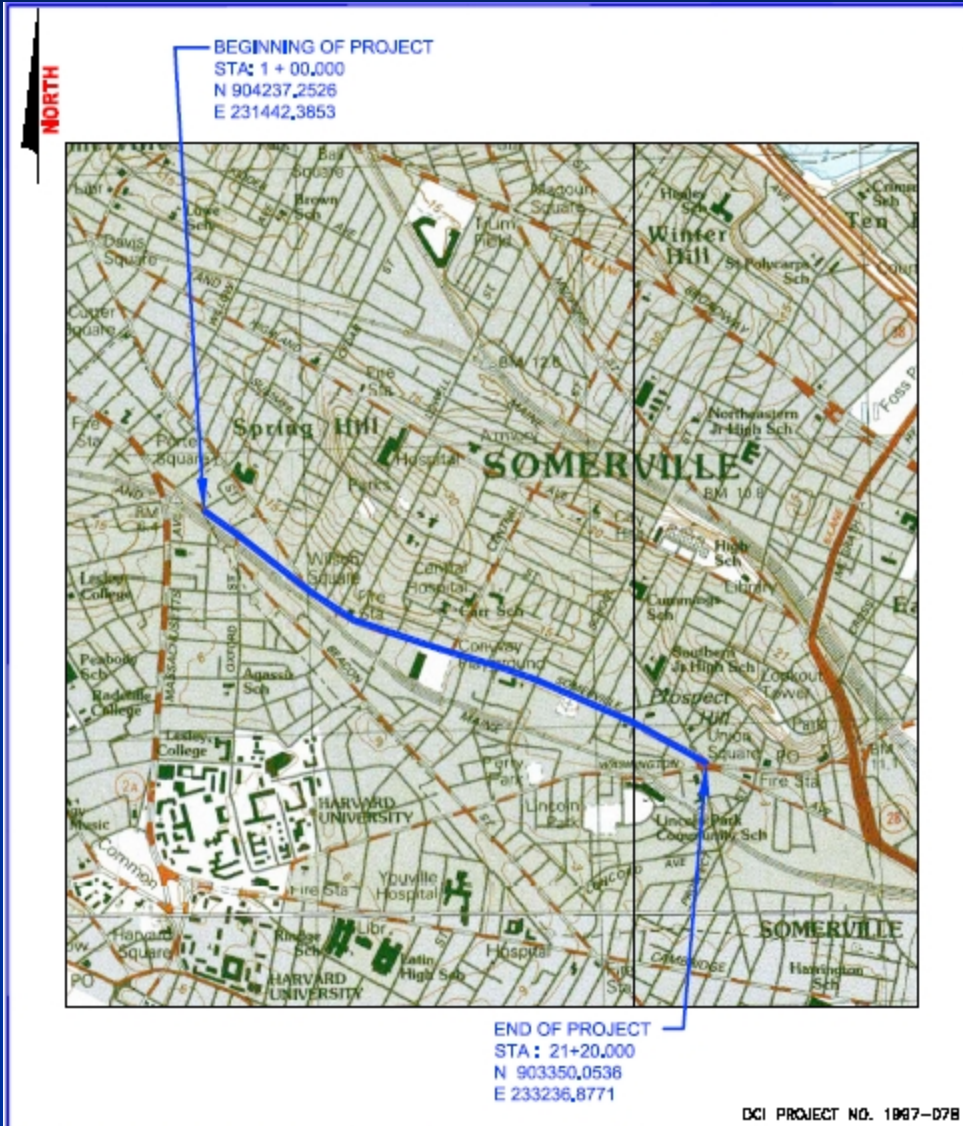
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|-----------------------|---------------------------------------|
| ■ Joseph A. Curtatone | Mayor |
| ■ Maryann Heuston | Alderman Ward 2 |
| ■ Thomas Taylor | Alderman Ward 3 |
| ■ Sean O'Donovan | Alderman Ward 5 |
| ■ Stan Koty | DPW Commissioner |
| ■ Charlie O'Brien | City Engineer |
| ■ Lisa Lepore | Director of Transportation |
| ■ Terry Smith | Sr. Traffic Engineer |
| ■ Sean Murphy | Director of Constituent Services(311) |

Design Consultants, Inc.

- | | |
|--------------------------|----------------------|
| ■ David Giangrande, P.E. | Principal in Charge |
| ■ Conrad Nuthmann, P.E. | Project Manager |
| ■ William Carlson | Sr. Traffic Engineer |



Project Limits



- West End – Cambridge/Somerville City Line
- East End – Union Square
- Length – Approx. 2020m (1.32 miles)



Project History

- Design process started in 1997
- Previous Public Hearing 25% - October 1998
- Project Extensions - Bow to Union Sq
- Redesign of Storm Drainage System
- 100% Plans submitted - August 15, 2005
- PS&E submission - September 2005
- Advertisement - Fall 2006
- Contract award - early 2007
- Construction start - Spring 2007
- 3-Year Construction Contract



Project Purpose

- Safety & Traffic Operational Improvements

- Traffic/pedestrian/bicycle
- Signals, signage, striping, roadway geometry

- Utility improvements

- Water
- Sewer
- Storm Drainage

- Streetscape improvements

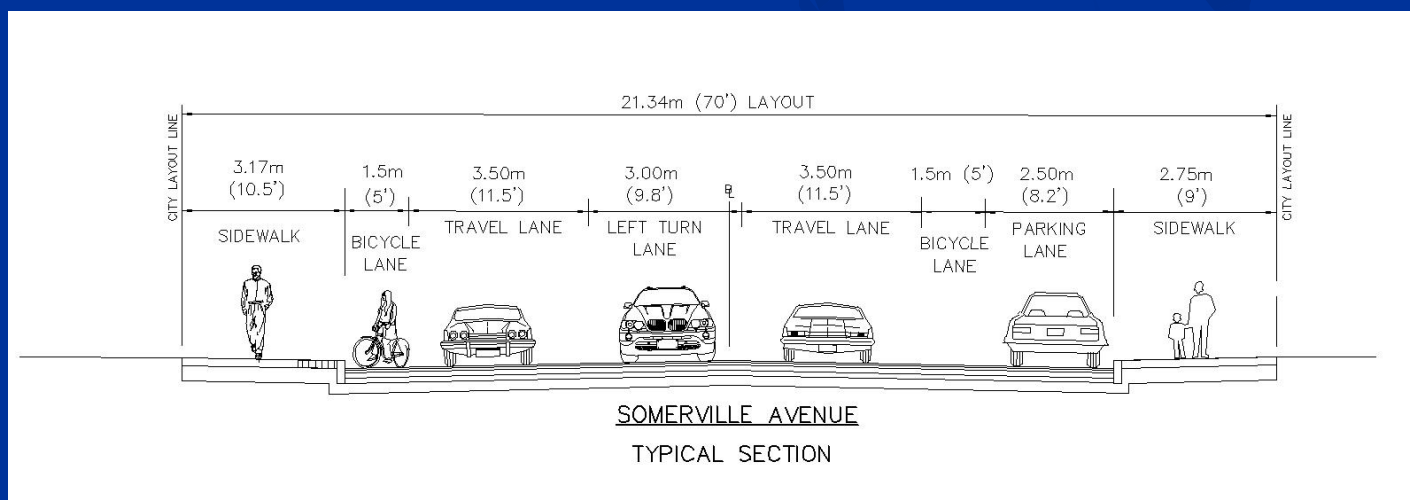
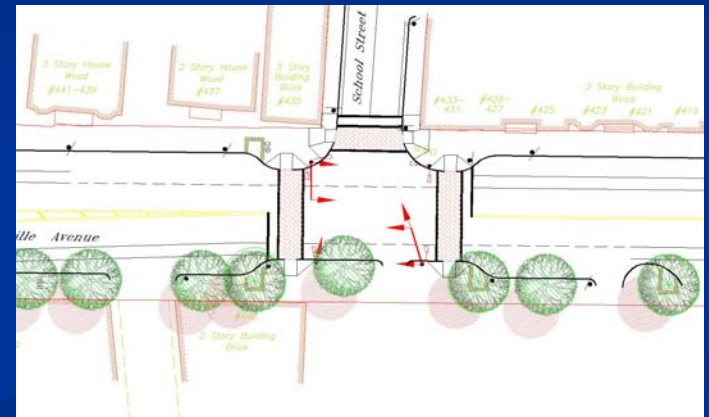
- Trees, benches, trash receptacles
- Sidewalk and crosswalk treatments
- Pedestrian lighting

- Roadway Lighting



Roadway Improvements

- Full-depth roadway reconstruction
- Sidewalk reconstruction - new granite curbing
- Curb Extensions – Pedestrian Crossings
- Upgrading of wheelchair ramps
- Bicycle accommodations
- New traffic signal equipment & coordination
- New roadway lighting
- Upgraded signage and roadway pavement markings.



Traffic Improvements

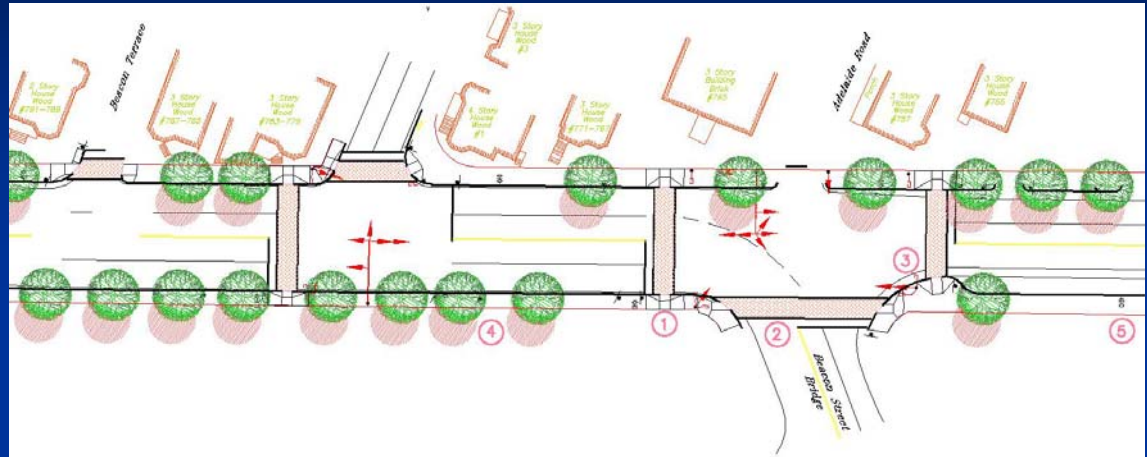
■ Signalized Intersections

- Mossland Street
- Beacon Street
- Elm Street*
- Lowell/Sacramento Street
- Conway Park/Beach Street
- Park Street
- St. Anthony's (Ped. Crossing)
- Granite/Dane Street *
- School Street*

* New Signalized intersections

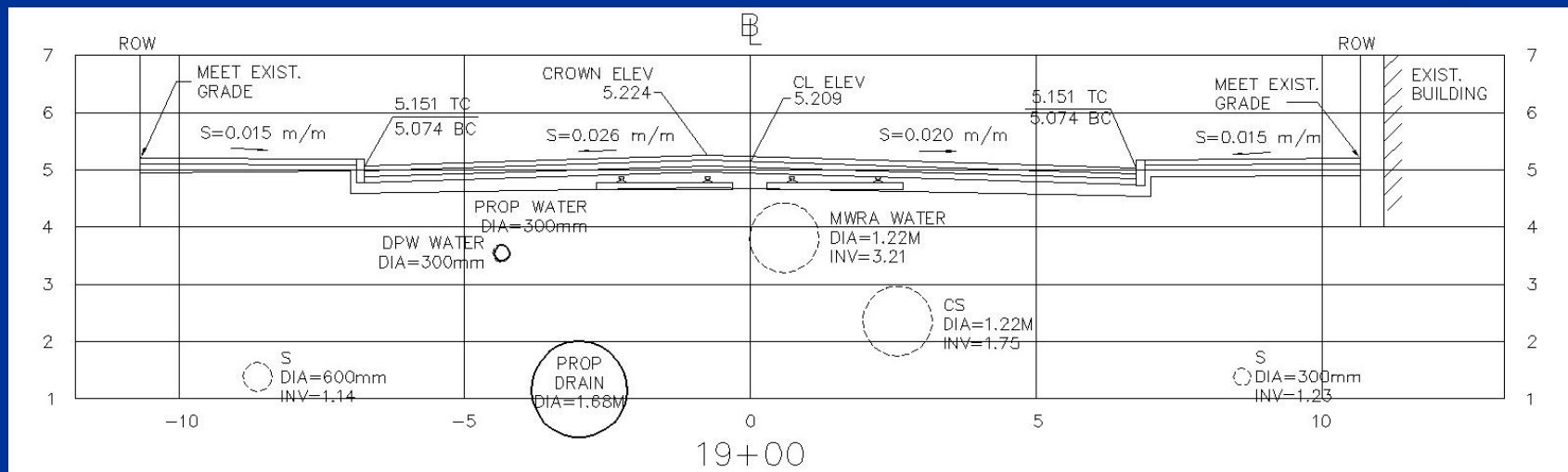
■ Major Items

- Interconnect
- Countdown Ped.
- Black Fluted Mast Arms
- Fire Pre-Emption – Strobe
- Bicycle Detection



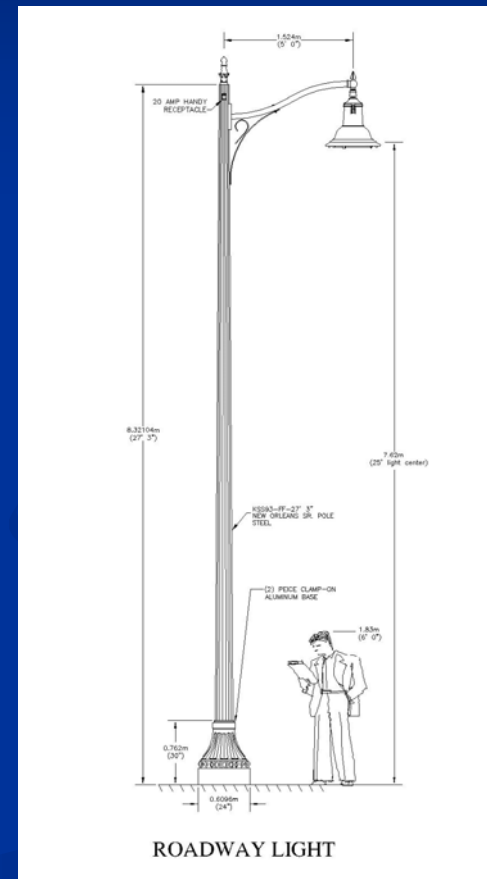
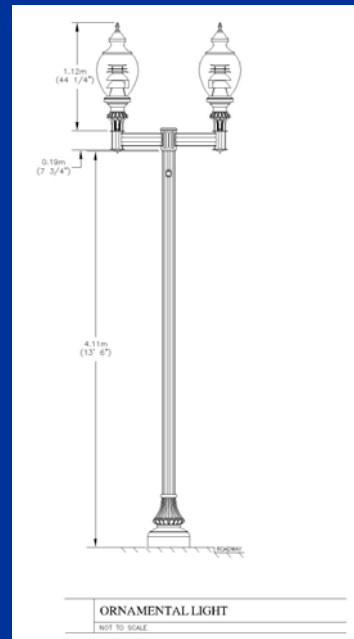
Utility Improvements

- Installation of new 66" Storm Drain Line
- Renovation of the Sewer Line
- Water Bypass
- On-going Sewer Separation Project



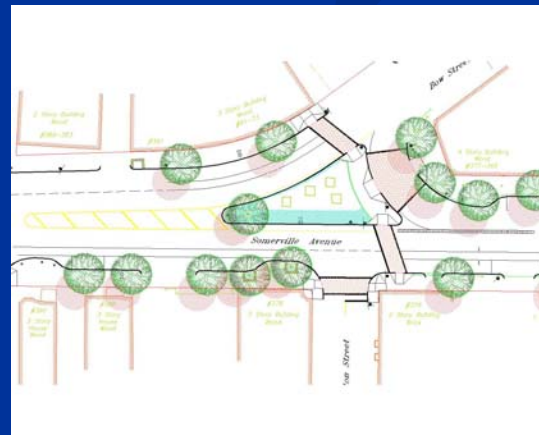
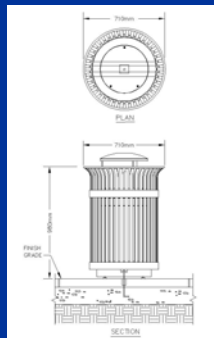
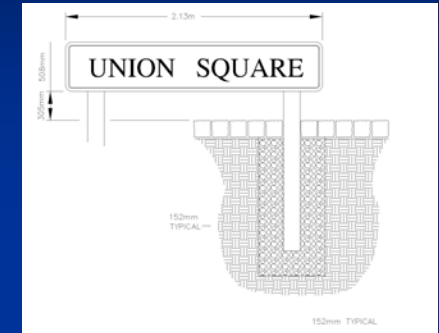
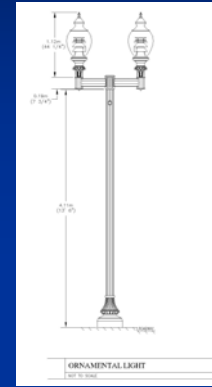
Roadway Lighting

- New Roadway Lighting
- New Pedestrian Lighting



Streetscape Improvements

- Enhanced Pedestrian Lighting
- New street trees and landscaping
- Streetscape amenities, bike racks, benches, trash receptacles
- Brick-accented sidewalk
- Crosswalk pavers
- Traffic/light pole decorative treatments



ROW

Construction Schedule

Project Cost

- Right-Of-Way
 - No land takings
 - Right-of-Entries - abutting property owners.
- Construction Schedule
 - Construction Spring of 2007 – Summer of 2009
 - Utility work will be largely completed by the Fall of 2008
 - Roadway improvements continuing through to 2008
 - Landscape and tree plantings will begin in the Spring of 2009.
- Project Cost
 - Federal, State and City funds \$20,800,000

Maintenance of Traffic

- The contractor shall demonstrate:
 - Construction methods
 - Advanced notices – services, parking
 - Pedestrian and vehicular flow
 - Access by emergency vehicles
 - Construction truck traffic
 - Plan on a weekly basis to MassHighway & Somerville Traffic & Parking
 - Variable message signs
- The minimum requirements
 - Maintaining traffic signal control equipment
 - Maintaining two lanes of traffic during peak hours
 - Maintaining pedestrian access
 - Use of uniformed police for enforcement and protection of the public
- Parking
 - Managing work zones to maintain on-street parking

Public Outreach & Communications

■ Collaborative effort between

- City of Somerville
- Somerville Ave. Advisory Committee
- Mass Highway Department
- P. Gioioso and Sons, Inc.
- Design Consultants, Inc.

■ Tools

- Website
- Cable system (cable wheel scrolling)
- Connect - CTY
- 311 City of Somerville Customer Service
- MHD comment line
- Press releases
- Construction signage
- Variable message board
- Field Offices

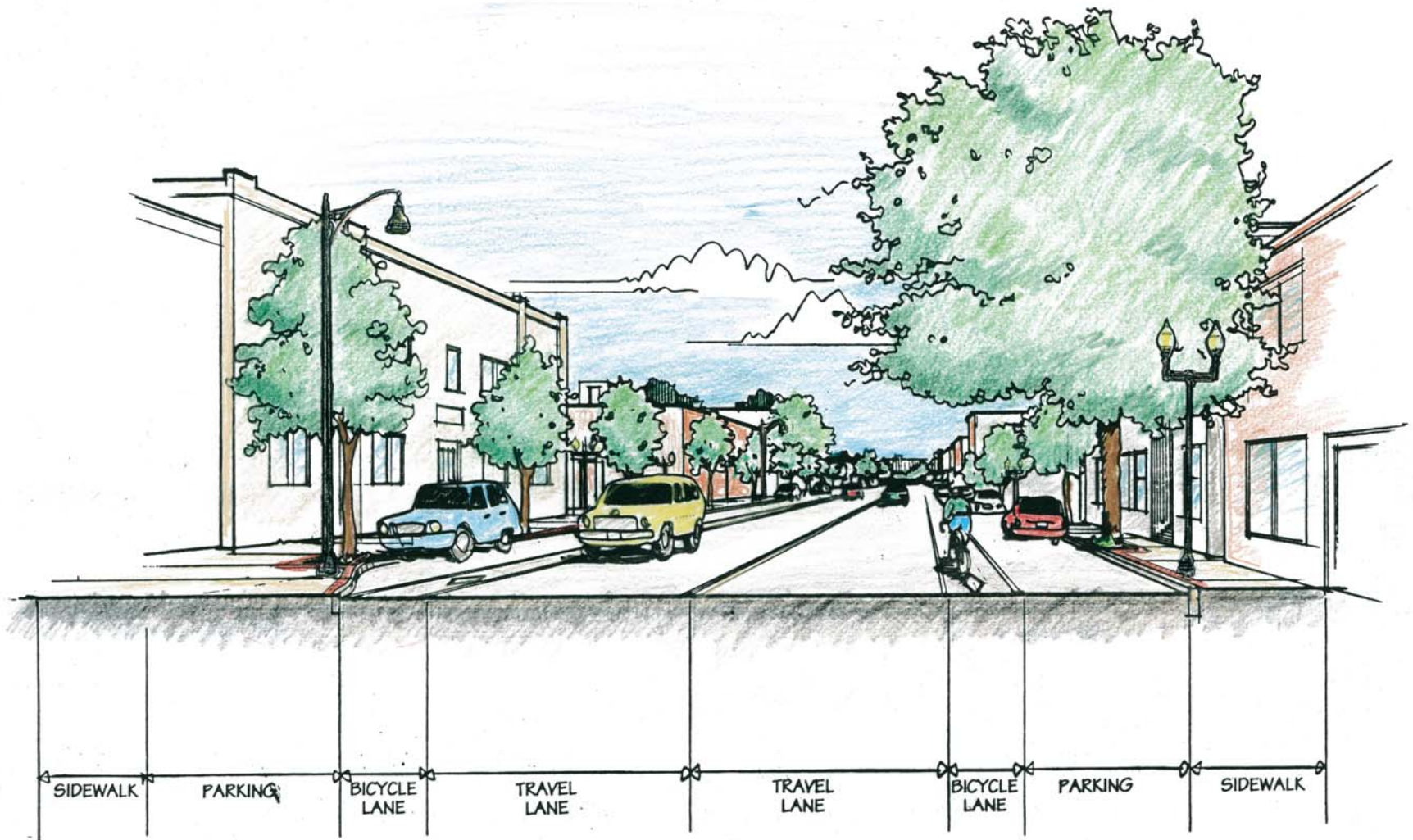
■ Information provided

- Contact information
- Construction schedule
- Work zone locations
- Parking restrictions
- Detouring & lane restrictions
- Hours of operations
- Notice of service interruptions (sewer & water)

Comments & Questions

■ Summary

- Significant Safety Improvements
- Enhanced Streetscape – Aesthetic Improvements
- New Traffic Signals
- New Roadway Lighting
- New Roadway Pavement
- New Storm Drainage
- New Water Service
- Improved Stability of Combined Sewer



**SOMERVILLE AVENUE
AT BELMONT STREET
LOOKING EAST**